

## TRANSMITTAL FORM

In re )  
Application of: Dandekar, et al )  
Serial No.: 09/845,856 )  
Filed: April 30, 2001 )  
For: Aromatics Alkylation )

Before the Examiner:  
T. Dang  
Group Art Unit No.: 1764  
Confirmation No.: 3184  
Attorney Docket No.: 2001B036

ASSISTANT COMMISSIONER FOR PATENTS  
Washington, D.C. 20231

Sir:

I hereby certify that this Response Under 37 C.F.R. § 1.111 is being facsimile transmitted to the United States Patent and Trademark Office (Fax No. 703-308-4311) on August 29, 2002

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Transmitted herewith is the Response Under 37 C.F.R. § 1.111 in the above-identified application.

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August 29, 2002  
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Darryl M. Tyus  
Attorney or Agent

Registration No. 40,853  
Telephone No. (281) 834-2581  
Facsimile No. (281) 834-2911

Post Office Address (to which correspondence is to be sent):

ExxonMobil Chemical Company  
Law Technology  
P. O. Box 2149  
Baytown, Texas 77522-2149

PATENT  
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of: Ajit B. Dandekar et al.  
Serial Number: 09/845,856  
Filed: April 30, 2001  
Title: AROMATICS ALKYLATION  
Group Art Unit: 1764  
Confirmation No. 3184  
Examiner: T. Dang

RESPONSE UNDER 37 C.F.R. 1.111

Commissioner for Patents  
Washington, DC 20231

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Sir:

In response to the Examiner's Office Action of June 3, 2002, please amend the claims as indicated below and consider the following remarks.

IN THE CLAIMS:

Please cancel claims 3, 4 and 5 without prejudice.

Please amend claim 1 as follows:

1. (Amended) A process for producing an alkylaromatic compound comprising the step of contacting an alkylatable aromatic compound with an alkylating agent which includes an aliphatic group having at least about 2 carbon atoms, under alkylation conditions in the presence of an alkylation catalyst comprising between about 0.05 and about 0.5 wt.% phosphorus and a porous crystalline inorganic oxide material having an X-ray diffraction pattern including the d-spacing maxima at  $12.4 \pm 0.25$ ,  $6.9 \pm 0.15$ ,  $3.57 \pm 0.07$  and  $3.42 \pm 0.07$  Angstrom, said conditions being sufficient to produce said alkylaromatic compound.

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